

## Mitigation Action Plan for Blythe Energy Project Site Expansion

Prepared to Accompany DOE/EA-1349 and DOE/EA-1450

August 2002

The Blythe Energy Project Site Expansion is part of a previously approved project that was addressed in a Mitigation Action Plan approved in March 2001 for the Blythe Energy Project, DOE/EA-1349. The following mitigation commitments for biological and cultural resources reflect commitments approved for the original Blythe Energy Project and the Blythe Energy Project Site Expansion. The commitments below replace the commitments for biological and cultural resources in the Mitigation Action Plan for DOE/EA-1349 and serve as commitments for DOE/EA-1450.

### BIOLOGICAL RESOURCES

IMPACT	CITATION	MITIGATION	SCHEDULE
Impacts to endangered species, wildlife and habitat	BIO-1 Page 91 & Amend. Page 11	Mitigation measures for the plant site and for the pipeline alternative as defined in Western's Biological Opinion (1-6-F-1166.2) and amendments. Only native species shall be used for revegetating the disturbed areas of the expansion area.	These measures will be implemented for all activities associated with the project.
Impacts to endangered species, wildlife and habitat	BIO-2 Page 92-93	The Applicant must have a qualified biologist available on site meeting professional qualifications as detailed in the EA.	The biologist and his/her qualifications should be submitted for review 30 days before construction start.
Impacts to endangered species, wildlife and habitat	BIO-5 Page 94	Worker Environmental Awareness Program will be developed for all employees, contractors and subcontractors.	The Plan will be made available 30 days prior to construction start; awareness training provided for all employees.
Impacts to birds and other wildlife	BIO-6, 7, 8 Page 95	The Applicant shall monitor the evaporation ponds for bird and wildlife losses.	Monitoring of ponds for losses conducted twice monthly for the first three years; water quality of the ponds will be monitored monthly for the first three years.
Impacts to desert tortoise	BIO-9 Page 95-96	The Applicant shall monitor exterior fencing and make repairs.	Tortoise exclusion fencing is required; monitoring is done monthly and repairs

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			made within a week.
Impacts to desert tortoise	BIO-12 Amend. Page 12	The Applicant shall provide compensation funds per the Biological Opinion and Amendment.	Not less than 15 days prior to the start of any earth moving activities.
Impacts to desert tortoise and Hardwood's milk-vetch	BIO-13 Page 96-97 & Amend. Page 12	The Applicant shall provide compensation for loss of habitat at the project site.	Within 30 days prior to construction start, Applicant will deliver check for acquisition or improvement of compensation acreage.
Impacts to endangered species, wildlife and habitat	BIO-16 Page 97-98	The Applicant is required to provide a Biological Resources Mitigation Implementation and Monitoring Plan.	Within 30 days prior to construction start, the Plan will be submitted for review and the provisions implemented.

### CULTURAL RESOURCES

IMPACT	CITATION	MITIGATION	SCHEDULE
Protection of cultural resources	CUL-1 Page 141	The Applicant must have a qualified cultural resources specialist available to the project.	The cultural resources specialist and his/her qualifications should be submitted for review 90 days before construction start.
Protection of cultural resources	CUL-3 Page 143	The Applicant shall prepare and implement employee-training program.	Within 60 days prior to construction start, the program will be submitted for review.
Protection of cultural resources	CUL-6 Page 145	The cultural resources specialist shall be responsible to investigate any discovery of significant cultural resources, prepare a research design and scope of work for data recovery.	The research design and scope of work should be submitted for review within 7 days of any discovery of significant cultural resources.

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Protection of cultural resources	CUL-7 Page 146 & Amend. Page 5	The cultural resources specialist shall prepare a report on any discovery of significant cultural resources; the requirements of the report are given in the EA and EA amendment.	The report on discovery will be submitted within 90 days of completion of any work done in the recovery of significant resources.
Protection of CA-RIV-6370H	CUL-9 Amend. Page 6	The applicant shall complete a thorough recording of features within the boundaries of CA-RIV-6370H per conditions defined in the Memorandum of Agreement executed for the project.	Within 30 days prior to ground disturbing activities, complete information gathering. Within 90 days complete a report on the information gathering.
Protection of CA-RIV-6370H	CUL-10 Amend. Page 7	The applicant shall install a chain-link fence with a controlled access gate to protect the site.	Within 15 days prior to installation, plans shall be provided for review and approval.
Protection of CA-RIV-6370H	CUL-11 Amend. Page 7	Ground disturbing activities shall be monitored prior to the placement of fill material and any artifacts shall be documented before adding to the site collection.	Same as CUL-7.
Protection of CA-RIV-6370H	CUL-12 Amend. Page 8	Artifacts collected shall be analyzed by archaeologists with appropriate experience and the results documented in the Cultural Resource Report.	The applicant shall provide a resume of the analysts. A letter shall be provided once any artifacts are transferred to the collection.
Protection of cultural resources	CUL-14 Amend. Page 9	The applicant shall ensure that surveys have been or will be performed for any project-related ground disturbing activities previously not included as part of the project.	Within 30 days of ground disturbing activities, the applicant shall provide a technical report on the results of cultural resource surveys.

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Protection of cultural resources	CUL-15 Amend. Page 9	The applicant shall prepare an ethnographic study of the area.	Within 30 days after the on-line date of the power plant, the applicant shall provide a copy for review and approval.